--ABSTRACT OF THE DISCLOSURE

A data processing system for validating a key protection certificate generated by a PSD may include a data processing device, a data storage device, a communications device, a cryptography device, a first securely shared secret key, a second securely shared secret key, and a public key. The cryptography device includes a message authentication code algorithm, a cross referencing device, and a comparator algorithm. The cross referencing device includes a device for selecting proper first and second securely shared secret keys, a proper public key, proper cryptography algorithms, and reference parameters associated with the key protection certificate, by use of a unique device name of the PSD contained in the key protection certificate.--